

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

285-79

(To Be Assigned)

APPLICANT

Todd M. Boyce et al.

FILING DATE

Concurrent Herewith

GROUP ART UNIT

(To Be Assigned)

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

jc675 U.S. PTO

09/543268



04/05/00

Reference
Considered
in 8/21/00
IDS

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,609,867	10/5/71	M. Hodosh			
	3,790,507	2/5/74	M. Hodosh			
	4,394,370	7/19/83	Jefferies			
	4,430,760	2/14/84	Smestad			
	4,440,750	4/3/84	Glowacki et al.			
	4,472,840	9/25/84	Jefferies			
	4,485,097	11/27/84	Bell			
	4,512,038	4/23/85	Alexander et al.			
	4,516,276	5/14/85	Mittelmeier et al.			
	4,623,553	11/18/86	Ries et al.			
	4,636,526	1/13/87	Dorman et al.			
	4,637,931	1/20/87	Schmitz			
	4,678,470	7/7/87	Nashef et al.			
	4,698,375	10/6/87	Dorman et al.			
	4,795,467	1/3/89	Piez et al.			
	4,842,604	6/27/89	Dorman et al.			
	4,932,973	6/12/90	Gendler			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Jurgensen, K., MD et al., "A New Biological Glue for Cartilage-Cartilage Interfaces: Tissue Transglutaminase", Journal of Bone and Joint Surgery, Inc., p. 185-193 (2/97).

EXAMINER

DATE CONSIDERED

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	5,007,930	4/16/91	Dorman et al.			
	5,053,049	10/1/91	Campbell			
	5,071,436	12/10/91	Huc et al.			
	5,236,456	8/17/93	O'Leary et al.			
	5,298,254	3/29/94	Prewett et al.			
	5,306,302	4/26/94	Bauer et al.			
	5,306,304	4/26/94	Gendler			
	5,314,476	5/24/94	Prewett et al.			
	5,356,629	10/18/94	Sander et al.			
	5,425,769	6/20/95	Snyders, Jr.			
	5,425,770	6/20/95	Piez et al.			
	5,464,439	11/7/95	Gendler			
	5,507,813	4/16/96	Dowd et al.			
	5,522,895	6/4/96	Mikos			
	5,522,904	6/4/96	Moran et al.			
	5,531,791	7/2/96	Wolfenbarger, Jr.			
	5,556,430	9/17/96	Gendler			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. PATENT DOCUMENTS

[illegible]

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Form PTO-1449

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ATTY. DOCKET NO.

SERIAL NO.

285-79

09/020,205

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Boyce et al.

FILING DATE

February 6, 1998

GROUP ART UNIT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,678,470	7/7/87	Nashef et al.			
	5,061,286	10/29/91	Lyle			
	5,112,354	5/12/92	Sires			
	5,236,456	8/17/93	O'Leary et al.			
	5,314,476	5/24/94	Prewett et al.			
	5,507,813	4/16/96	Dowd et al.			
	5,683,459	11/4/97	Brekke			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Flexural Rigidity in Partially Demineralized Diaphyseal Bone Grafts", Lewandrowski et al., <u>Clinical Orthopaedics and Related Research</u> , Number 317, pp. 254-262, Lippincott - Raven Publishers (1995).
	"A New Biological Glue for Cartilage-Cartilage Interfaces: Tissue Transglutaminase", K. Jürgensen et al., <u>The Journal of Bone and Joint Surgery</u> , Vol. 79-A, No. 2, pp. 185-193, (February 1997).
	"Kinetics of cortical bone demineralization: Controlled demineralization - a new method for modifying cortical bone allografts", Lewandrowski et al., <u>Journal of Biomedical Materials Research</u> , Vol. 31, pp. 365-372, John Wiley & Sons, Inc. (1996)

EXAMINER

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 285-79	SERIAL NO. 09/020,205 <i>sparks</i>
	APPLICANT Boyce et al.	
	FILING DATE February 6, 1998	GROUP ART UNIT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		"Sensitivity of Osteoinductive Activity of Demineralized and Defatted Rat Femur to Temperature and Duration of Heating", Takayasu Ito, MD, et al., <u>Clinical Orthopaedics and Related Research</u> , Number 316, pp. 267-275, JB Lippincott Company, (1995).
		"Radiographic Evaluation of Mandibular Augmentation With Prefabricated Hydroxylapatite/Fibrin Glue Implants", Meijer et al., <u>Journal of Oral and Maxillofacial Surgery</u> , pp. 138-145 (1997).
		"Factors Affecting Bone Graft Incorporation", Stevenson et al., <u>Clinical Orthopaedics and Related Research</u> , Number 323, pp. 66-74, Lippincott - Raven Publishers (1996).

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 298-79	SERIAL NO. 09/020,205 <i>parent Application</i>
APPLICANT Boyce et al.		FILING DATE February 6, 1998
		GROUP Art Unit: 3738

U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 9 3 2 9 7 3	6/90	GENDLER et al.			
	4 6 2 3 5 5 3	11/86	RIES et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	9 6/ 3 9 2 0 3	12/96	INTERNATIONAL				
	9 8/ 0 0 1 8 3	1/98	INTERNATIONAL				
	0 4 1 1 9 2 5	2/91	EUROPEAN				
	0 6 9 3 5 2 3	1/96	EUROPEAN				
	0 2 4 3 1 5 1	10/87	EUROPEAN				

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EXAMINER	DATE CONSIDERED
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